

Table 4-1 U.S. R&D expenditures, by performing sector and source of funds: 2008–13

Sector	2008	2009	2010	2011	2012	2013 ^a
Current \$millions						
All performing sectors	406,952	405,136	408,197	427,833	435,347	456,095
Business	290,680	282,393	278,977	294,092	302,251	322,528
Federal government	45,649	47,363	49,955	52,668	51,318	49,859
Federal intramural ^b	29,839	30,560	31,970	34,950	34,017	33,026
FFRDCs	15,810	16,804	17,985	17,718	17,301	16,833
Nonfederal government	343	405	490	493	468	467
Universities and colleges	53,917	56,972	60,374	62,446	63,284	64,680
Other nonprofit organizations ^c	16,363	18,002	18,401	18,134	18,026	18,561
All funding sources	406,952	405,136	408,197	427,833	435,347	456,095
Business	258,131	246,770	248,314	266,606	275,892	297,279
Federal government	119,113	127,180	127,559	128,039	124,956	121,808
Nonfederal government	4,257	4,287	4,287	4,355	4,105	4,113
Universities and colleges	11,640	11,917	12,105	12,951	14,136	15,240
Other nonprofit organizations ^c	13,811	14,983	15,932	15,882	16,258	17,655
Constant 2009 \$millions						
All performing sectors	410,043	405,136	403,270	414,122	413,961	427,323
Business	292,888	282,393	275,610	284,667	287,403	302,182
Federal government	45,995	47,363	49,352	50,981	48,797	46,714
Federal intramural ^b	30,066	30,560	31,584	33,830	32,346	30,943
FFRDCs	15,930	16,804	17,768	17,150	16,451	15,771
Nonfederal government	345	405	484	477	445	438
Universities and colleges	54,327	56,972	59,645	60,445	60,176	60,600
Other nonprofit organizations ^c	16,487	18,002	18,179	17,552	17,141	17,390
All funding sources	410,043	405,136	403,270	414,122	413,961	427,323
Business	260,092	246,770	245,317	258,062	262,339	278,525
Federal government	120,017	127,180	126,019	123,936	118,817	114,124
Nonfederal government	4,289	4,287	4,235	4,216	3,904	3,853



Sector	2008	2009	2010	2011	2012	2013 ^a
Universities and colleges	11,728	11,917	11,959	12,536	13,442	14,278
Other nonprofit organizations ^c	13,916	14,983	15,739	15,373	15,459	16,542

FFRDC = federally funded R&D center.

^a Data for 2013 include some estimates and may later be revised.

^b Includes expenditures of federal intramural R&D and costs associated with administering extramural R&D.

^c Some components of the R&D performed by other nonprofit organizations are projected and may later be revised.

NOTES: Data are based on annual reports by performers, except for the nonprofit sector. Expenditure levels for academic, federal government, and nonfederal government performers are calendar-year approximations based on fiscal year data.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, National Patterns of R&D Resources (annual series).

Science and Engineering Indicators 2016